

## 1.2 Battery isolator

A device isolates the batteries from all the other electrical equipment on the tractor.

This isolator is programmed for automatic cut-off after a delay of 60 minutes after switching off the ignition. Therefore, the operator does not have to activate the device; this system is self-managed in terms of activation and cut-off, depending on the position of the ignition key.

The battery isolator timer control can vary according to the tractor configuration.

The control conditions are as follows:

1. the time required to drain the DEF system
2. the TMC Display standby time
3. activation of the hazard warning lights
4. power supply maintained on an ISOBUS or Auto-Guide™ implement

Whatever the status of the above conditions, the battery isolator will always open after a maximum period of 60 minutes after the ignition key has been set to the OFF position.

**IMPORTANT:** In the event of electrical faults on the tractor or the implement, emergency cut-off of the battery isolator is possible via a switch (1) located under the controller housing cover plate in the cab but only if the ignition key is in the OFF position.

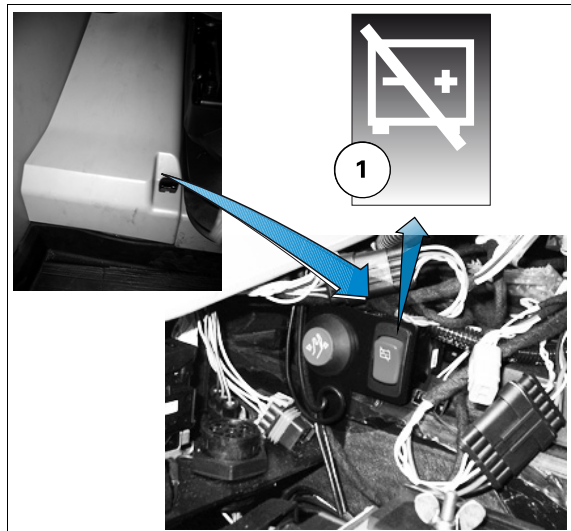


Fig. 4.

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## **2 Electrical diagrams**

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### **2.1 Identification of electrical connectors from X1 to X500**

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- X1** - Auxiliary hydraulic oil temperature sensor
- X2** - Auxiliary hydraulic oil filter blockage switch
- X3** - TechStar CVT 540 rpm PTO speed solenoid valve
- X3** - 540E rpm PTO speed solenoid valve
- X4** - 1000 rpm PTO speed solenoid valve
- X5** - 4-wheel drive solenoid valve
- X6** - Differential lock solenoid valve
- X7** - Rear PTO solenoid valve
- X8** - Bevel gear theoretical speed sensor
- X9** - Transmission oil high pressure sensor 1
- X10** - Collecting shaft speed sensor
- X11** - Solenoid valve limiting speed to 30 km/h
- X12** - Coupler function solenoid valve
- X13** - High speed range (Hare) solenoid valve
- X14** - Low speed range (Tortoise) solenoid valve
- X15** - PTO clutch speed sensor
- X16** - PTO output shaft speed sensor
- X17** - High/low speed range (Hare/Tortoise) position sensor
- X18** - Transmission control module
- X19** - Transmission hydraulic oil temperature sensor
- X20** - Transmission filter blockage switch
- X21** - ParkLock brake pressure sensor (ML260)
- X21** - ParkLock brake switch
- X22** - Radar
- X23** - Steering pressure sensor
- X24** - Auxiliary hydraulic oil gauge
- X25** - Engine speed sensor
- X26** - Pneumatic brake solenoid valve
- X27** - Rear linkage lifting solenoid valve
- X28** - Rear linkage lowering solenoid valve
- X29** - Dual Control socket connector
- X30** - Rear linkage position sensor
- X31** - Rear linkage right-hand draft sensor
- X32** - Linkage top link/rear linkage left-hand draft sensor
- X32** - Top link draft sensor (GTA5050)
- X33** - Valve CAN
- X34** - Transmission oil high pressure sensor 2
- X35** - ParkLock hydraulic pressure sensor
- X36** - Load Sensing signal breaker solenoid valve
- X37** - ParkLock pressure reversing solenoid valve
- X38** - Hydraulic trailer braking proportional solenoid valve
- X39** - Hydraulic trailer braking safety solenoid valve
- X40** - Front linkage single/double-acting function solenoid valve